

GLUCOSE ABSORPTION INHIBITOR

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Applicant(s): MITSUI NORIN CO LTD
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Abstract

PROBLEM TO BE SOLVED: To obtain the subject inhibitor capable of inhibiting the glucose absorption through intestinal canal and having no side effect on a human body by including epicatechingallate as an active ingredient.

SOLUTION: This inhibitor is obtained by including epicatechingallate of the formula as an active ingredient. The epicatechingallate is a kind of polyphenol included in tea and also included in rhubarb or the like. The epicatechingallate is obtained by the process in which fermented tea such as black tea and Puer tea, semifermented tea such as oolong tea and pouchung tea, nonfermented tea such as green tea, roasted green tea in a caldron and roasted tea or the like is used as a raw material, their leaves are treated to extract with water, hot water, a (hydrous) organic solvent or the like, then the extract is, as necessary, purified by fractionation with an organic solvent or an adsorptive resin or the like. This inhibitor can be used in any optional preparation form using a diluent, filler, vehicle or the like and the epicatechingallate content of such preparation is preferably about 50-1,000 mg/ml.

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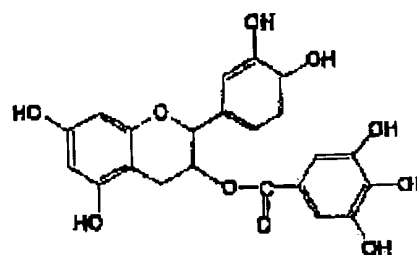
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(54) GLUCOSE ABSORPTION INHIBITOR

(57)Abstract:

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